

Amendment and Response
U.S. Application Serial No. 09/865,296

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7. (Amended) The emulsion as claimed in claim 1, wherein the emulsifier comprises one or more alcohol alkoxylates.

8. (Amended) The emulsion as claimed in claim 1, wherein the emulsifier comprises one or more saccharide esters of fatty acids and a sugar, wherein the mono-ester content is at least 60%.

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15. (Twice Amended) The emulsion as claimed in claim 14, wherein the emollient oil comprises at least one normally liquid emollient oil selected from the group consisting of mineral oils, paraffin oils, vegetable glyceride oils, animal glyceride oils, synthetic ester oils, synthetic ether oils, silicone oils, fatty alcohol propoxylates, a solid liquefiable emollient fat, a solid liquefiable emollient wax, and mixtures thereof.

19. (Twice Amended) The emulsion as claimed in claim 18 in the form of a cream comprising at least one thickener selected from fatty amphiphiles or synthetic thickeners.

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20. (Twice Amended) The emulsion as claimed in claim 1 comprising:
from 1 to 80% by weight of at least one oil;
from 0.02 to 1.2% by weight of at least one alkoxide emulsifier having an HLB of at least 12;
optionally from 0.1 to 1.2% by weight of at least one emulsifier having an HLB of less than 8;
the total amount of emulsifier being from 0.02 to 1.5% by weight;
from 0.02 to 0.5% by weight of at least one polysaccharide stabilizer;
optionally from 0.1 to 10% by weight of at least one thickener selected from fatty amphiphiles or synthetic thickeners;
the remainder being minor components and additives and water.

21. (Twice Amended) The emulsion as claimed in claim 1 comprising:
from 1 to 80% by weight of at least one oil;
from 0.02 to 1.2% by weight of at least one emulsifier having an HLB of at least 12
selected from the group consisting of a fatty acid ester, ether, hemi-acetal or acetal of

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a polyhydroxylic compound, and a fatty acid amide which is N-substituted with the residue of a polyhydroxylic compound;

optionally from 0.1 to 1.2% by weight of at least one emulsifier having an HLB of less than 8;

the total amount of emulsifier being from 0.02 to 1.5% by weight;

from 0.02 to 0.5% by weight of at least one polysaccharide stabilizer;

optionally from 0.1 to 10% by weight of at least one thickener selected from fatty amphiphiles or synthetic thickeners;

the remainder being minor components and additives and water.

28. (Twice Amended) A dry blend emulsifier stabilizer formulation comprising an oil emulsifier and an oil-in-water emulsion stabilizer which is a polysaccharide combination, wherein the polysaccharide combination consists only of a Xanthan polysaccharide and a polyglucomannan polysaccharide.

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29. (Twice Amended) The formulation as claimed in claim 28 further comprising a sugar in addition to the polysaccharide combination.

30. (Twice Amended) The dry blend as claimed in claim 29 comprising;

from 2 to 10 parts by weight of Xanthan;

from 2 to 10 parts by weight of polyglucomannan;

the weight ratio of Xanthan to polyglucomannan being from 1:4 to 4:1;

optionally from 5 to 40 parts by weight of an emulsifier having an HLB of less than 8;

and

optionally from 2 to 10 parts by weight of a milling aid selected from sucrose, fructose, glucose or mixtures thereof.

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35. (Amended) A personal care or cosmetic oil-in-water cream having a viscosity of more than 20,000 mPa.s, comprising an emulsion comprising:

a) an oil emulsifier comprising at least one or more non-ionic emulsifier(s) selected from the group consisting of alkoxylate emulsifiers, fatty acid esters, ethers, hemi-acetals of

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polyhydroxylic compounds, acetals of polyhydroxylic compounds, and a fatty acid amide which is N-substituted with the residue of a polyhydroxylic compound,

b) and a polysaccharide combination of a Xanthan polysaccharide and a polyglucomannan polysaccharide.

36. (Amended) A personal care or cosmetic oil-in-water emulsion comprising an emulsifier stabilizer system composed of an emulsifier for the oil and a polysaccharide combination of a Xanthan polysaccharide and a polyglucomannan polysaccharide, wherein the concentration of ionic materials within the emulsion is not greater than about 0.05 molar.

39. (Amended) The emulsion as claimed in claim 1, wherein the emulsifier comprises at least one alkoxylate emulsifier derived from fatty acid esters.

40. (Amended) The emulsion as claimed in claim 1, wherein the emulsifier comprises at least one fatty acid amide that is N-substituted with the residue of a polyhydroxylic saccharide fatty acid ester.

41. (Amended) The emulsion as claimed in claim 7, wherein the emulsifier comprises at least one alcohol ethoxylates.

Please see the attached Appendix for changes made to the above claims.

Please add the following new claims:

44. (New) A personal care or cosmetic oil-in-water emulsion comprising: at least one oil; water; and an emulsifier stabilizer system composed of an emulsifier for the oil and a polysaccharide combination, wherein the polysaccharide combination consists only of a Xanthan polysaccharide and a polyglucomannan polysaccharide.

45. (New) A dry blend emulsifier stabilizer formulation comprising

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- (a) an oil emulsifier, wherein the emulsifier comprises one or more non-ionic emulsifier(s) selected from the group consisting of alkoxylate emulsifiers, fatty acid esters, ethers, hemi-acetals or acetals of polyhydroxylic compounds, and a fatty acid amide which is N-substituted with the residue of a polyhydroxylic compound, and
- (b) an oil-in-water emulsion stabilizer which is a polysaccharide combination, wherein the polysaccharide combination consists only of a Xanthan polysaccharide and a polyglucomannan polysaccharide.

46. (New) The emulsion as claimed in claim 45, wherein the polysaccharide combination of a Xanthan polysaccharide and a polyglucomannan polysaccharide is present from 0.02 to 0.5% by weight of the emulsion.

47. (New) The emulsion as claimed in claim 45, wherein the emulsifier comprises one or more non-ionic emulsifier(s) selected from the group consisting of alkoxylate emulsifiers, fatty acid esters, ethers, hemi-acetals or acetals of polyhydroxylic compounds, and a fatty acid amide which is N-substituted with the residue of a polyhydroxylic compound.

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48. (New) A personal care or cosmetic milk or cream having a oil-in-water emulsion comprising: at least one oil; water; and an emulsifier stabilizer system composed of an oil emulsifier and a polysaccharide combination of a Xanthan polysaccharide and a polyglucomannan polysaccharide.

49. (New) The personal care or cosmetic milk or cream of Claim 48 wherein the emulsion is in the form of a milk having a viscosity of from 100 to 10000 mPa.s.

50. (New) The personal care or cosmetic milk or cream of Claim 48 wherein the emulsion is in the form of a cream having a viscosity of from 30000 to 80000 mPa.s.

51. (New) The personal care or cosmetic milk or cream of Claim 49 wherein the emulsion is either in the form of a milk having a viscosity of from 100 to 10000 mPa.s., or in the form of a cream having a viscosity of from 30000 to 80000 mPa.s. —